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**Patents Cited by Inventor:** 0  
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**Patent Number(s):**

**JP10023898-A**

**Title:**

Preparation of N-acetyl:lactosamine derivatives in high yield, used in food - by action of Bifidobacterium on phenyl-beta-D-galacto:pyranoside derivative and a di:saccharide

**Patent Assignee Name(s) and Code(s):**

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**Derwent Primary Accession Number:**

1998-152799 [14]

**Abstract:**

Preparation of N-acetyl:lactosamine derivatives comprises action of -galactosidase from a Bifidobacterium microorganism upon (a) a phenyl--D-galactopyranoside derivative or -D-galactopyranosyl compound and (b) a disaccharide having an N-acetylglucosamine at the non-reducing terminal, N-acetylglucosamine or N-acetyl glucosaminide to transfer the galactose residue of (a) to (b).

**USE** - The derivatives are main constituents of complex glycoproteins and glyco lipids and a bifidus growth factor and useful as a material for functional foods.

**ADVANTAGE** - The method provides safe products with a high yield and eliminates the need of control of the reaction time.

**International Patent Classification:**

C12P-019/26

**Derwent Class:**

D16 (Fermentation industry); D13 (Other foodstuffs and treatment); E13 (Heterocyclics)

**Derwent Manual Code(s):**

D03-H01T2; D05-A02C; E07-A02H

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**Patent 1 of 1**

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